FIG. 1

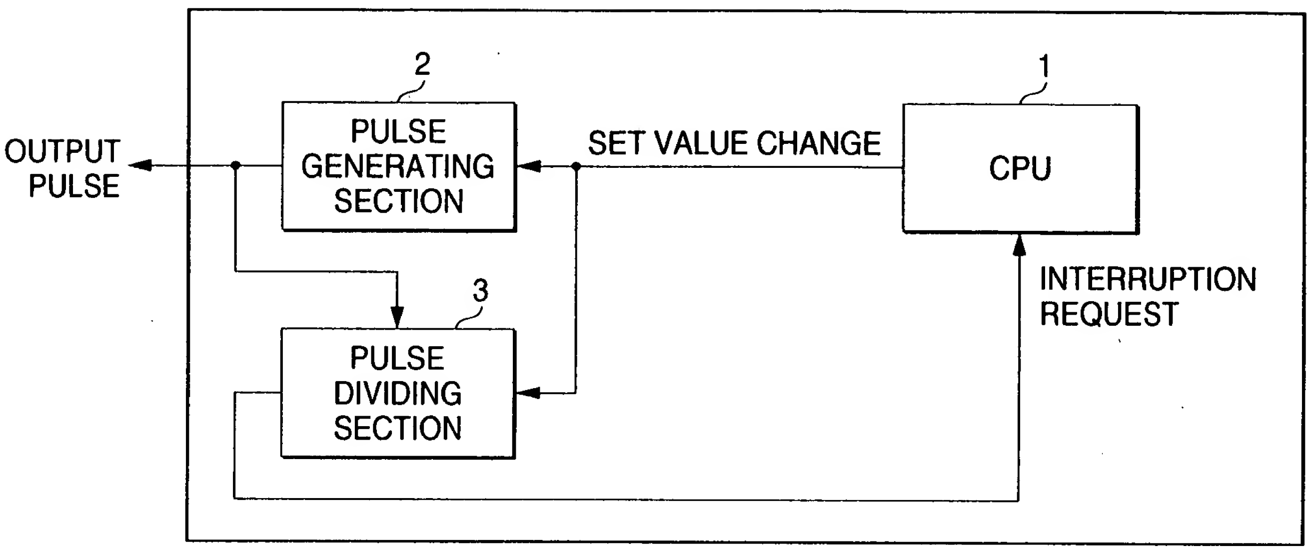

OUTPUT PULSE
2
PULSE GENERATING SECTION
SET VALUE CHANGE
1
CPU
INTERRUPTION REQUEST
3
PULSE DIVIDING SECTION

FIG. 2A

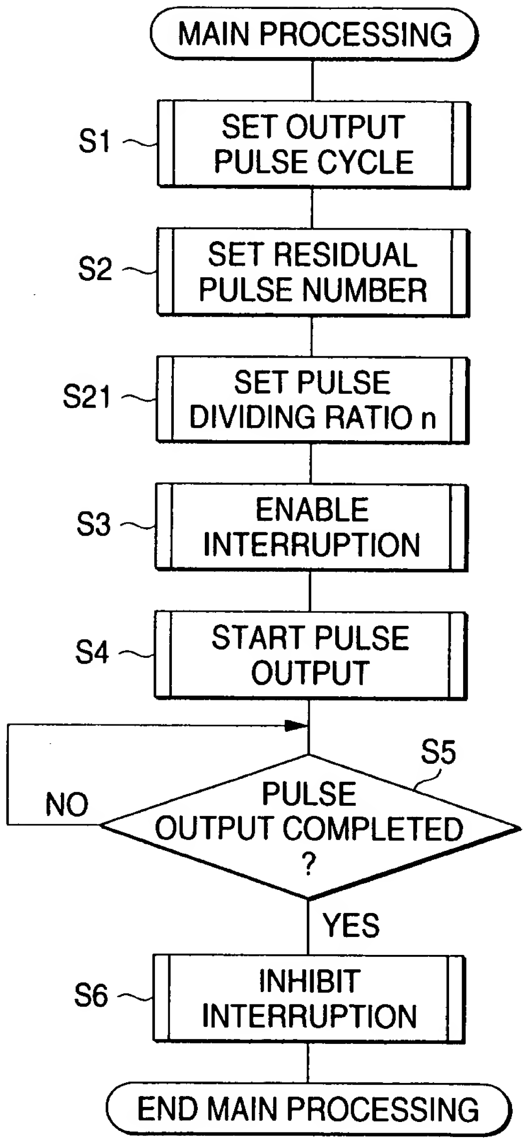


FIG. 2B

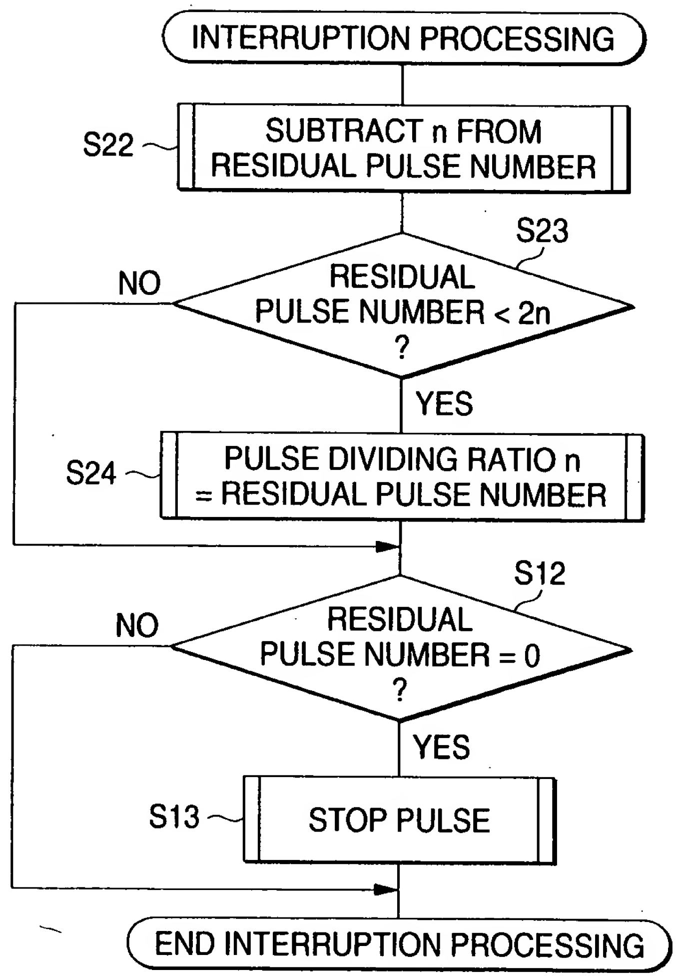


FIG. 3

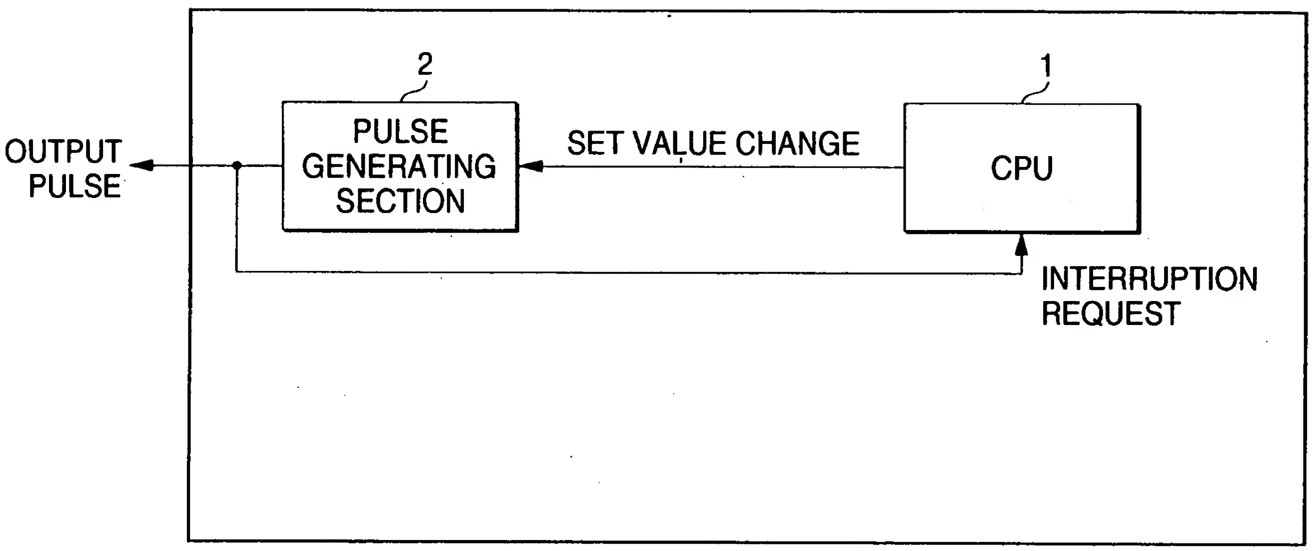

2
PULSE GENERATING SECTION
SET VALUE CHANGE
1
CPU
OUTPUT PULSE
INTERRUPTION REQUEST

FIG. 4A

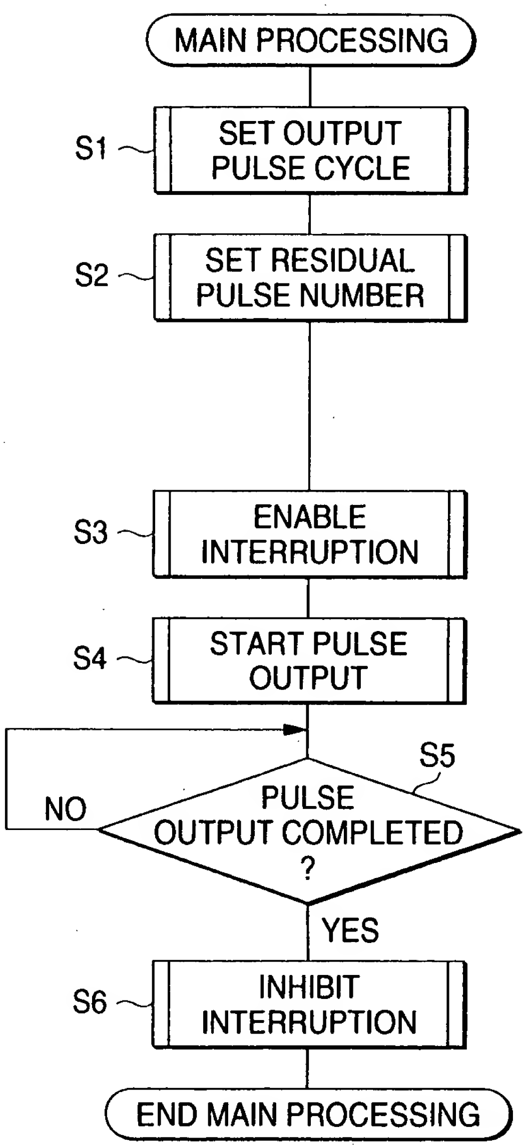
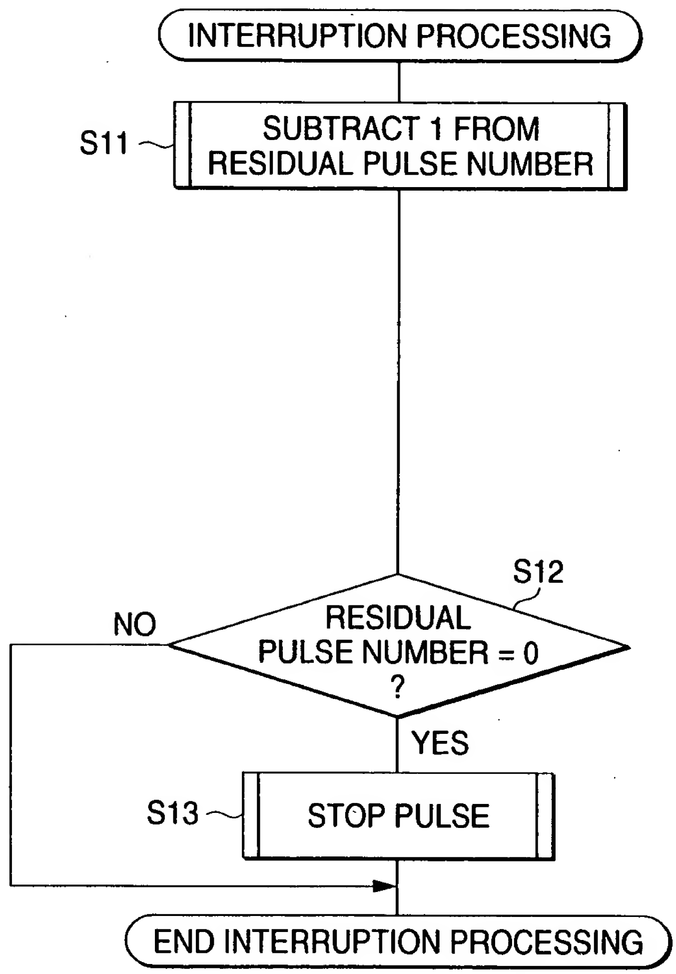

MAIN PROCESSING
S1
SET OUTPUT PULSE CYCLE
S2
SET RESIDUAL PULSE NUMBER
S3
ENABLE INTERRUPTION
S4
START PULSE OUTPUT
S5
PULSE OUTPUT COMPLETED ?
NO
YES
S6
INHIBIT INTERRUPTION
END MAIN PROCESSING

FIG. 4B


INTERRUPTION PROCESSING
S11
SUBTRACT 1 FROM RESIDUAL PULSE NUMBER
S12
RESIDUAL PULSE NUMBER = 0 ?
NO
YES
S13
STOP PULSE
END INTERRUPTION PROCESSING